

Replacement Sheet



Material: Glass-Fiber/Epoxy-Amine Composite Interphase

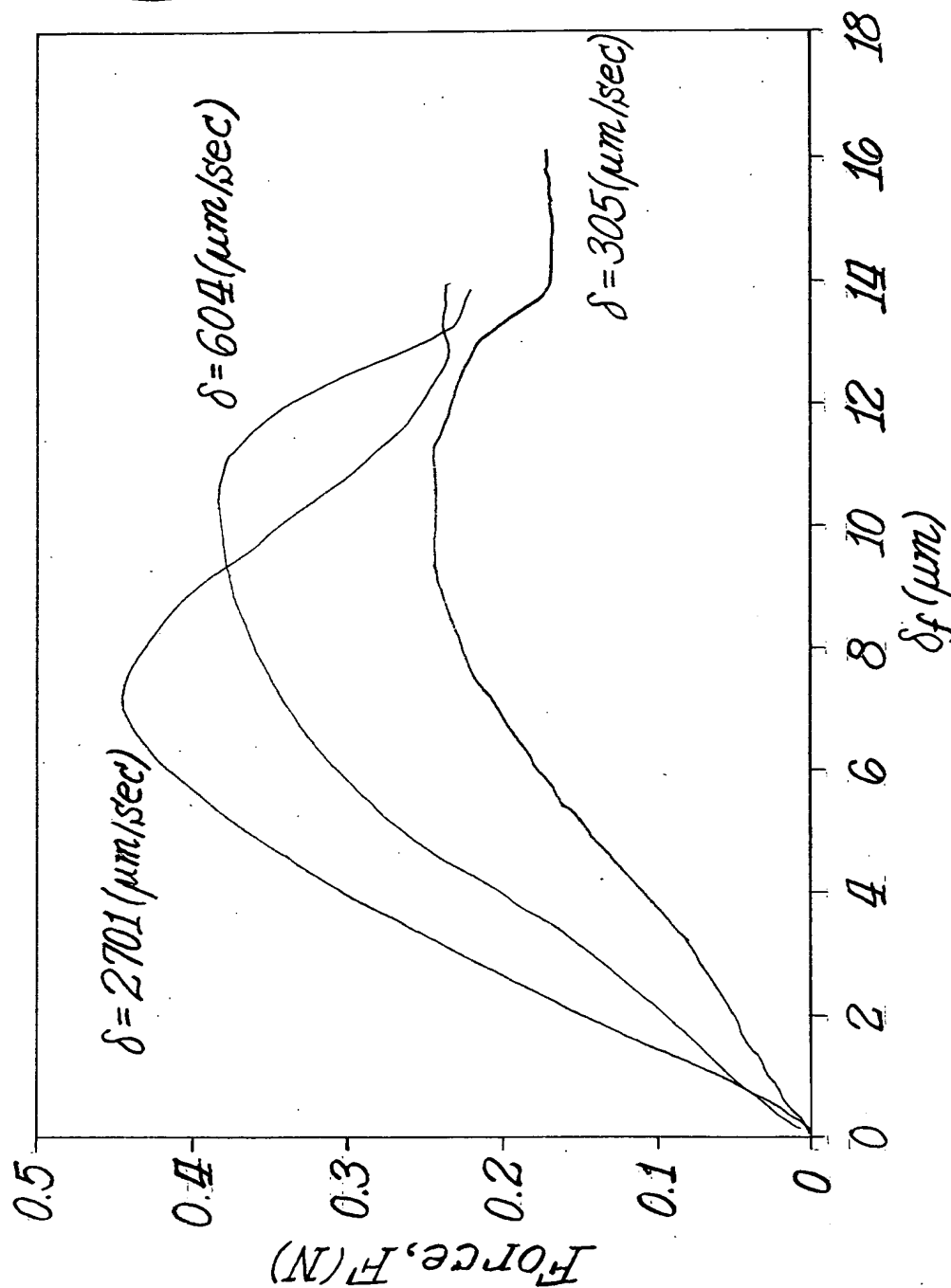
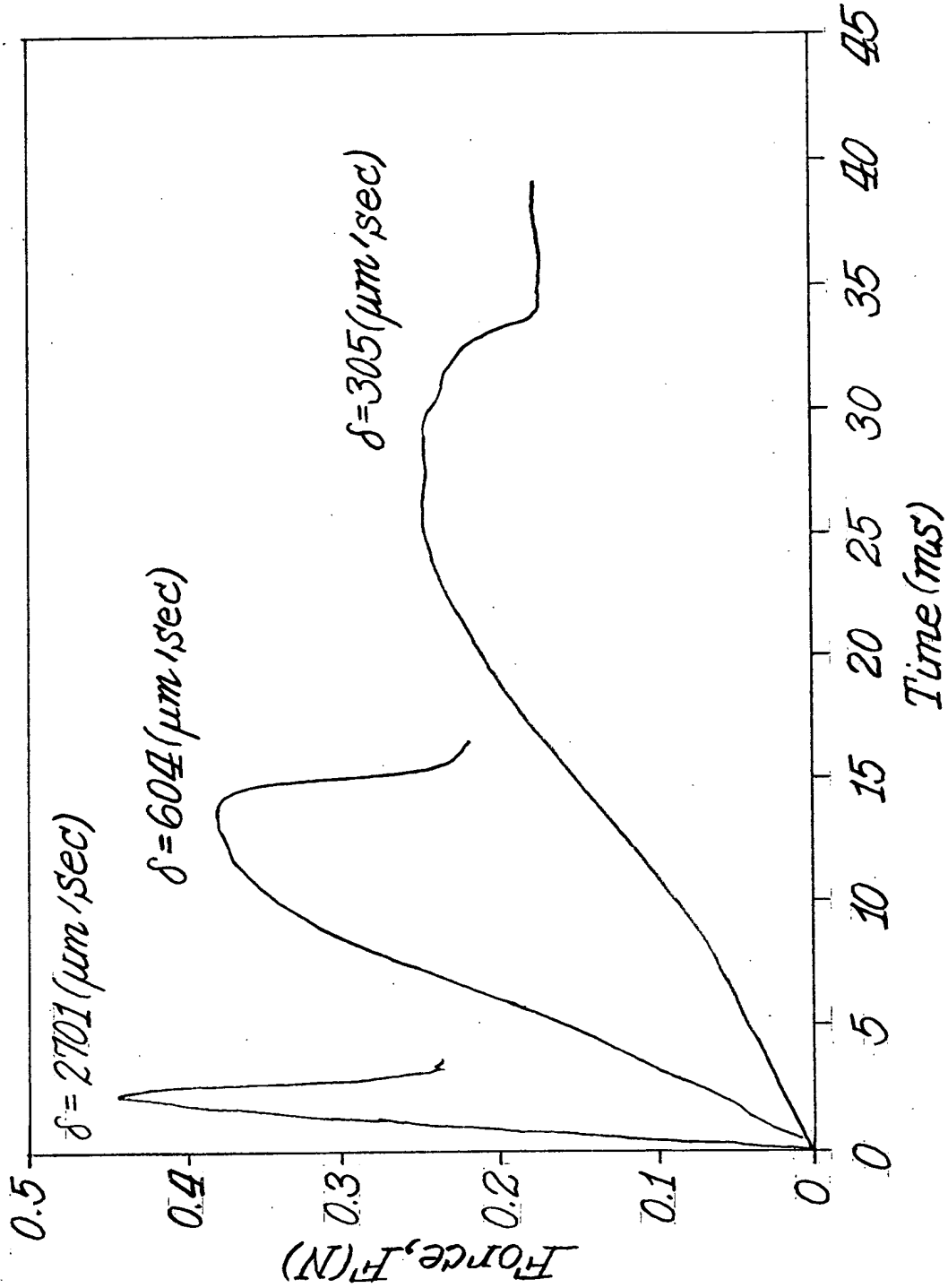


Fig. 3.

Material: Glass-Fiber/Epoxy-Amine Composite Interphase



Replacement Sheet



Time (ms)

Fig. 4.

Replacement Sheet



Material: Glass-Fiber / Epoxy-Amine Composite Interphase

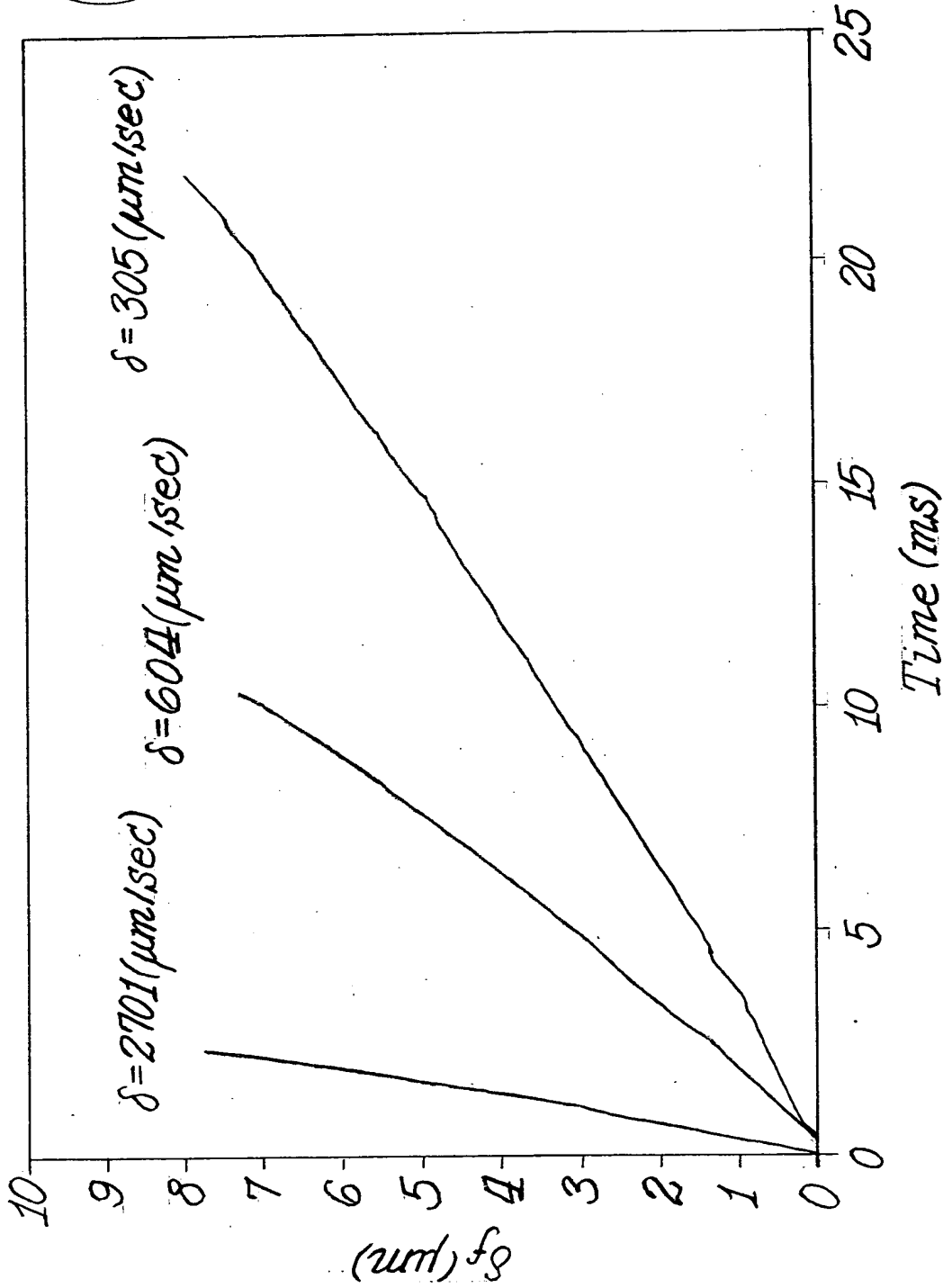
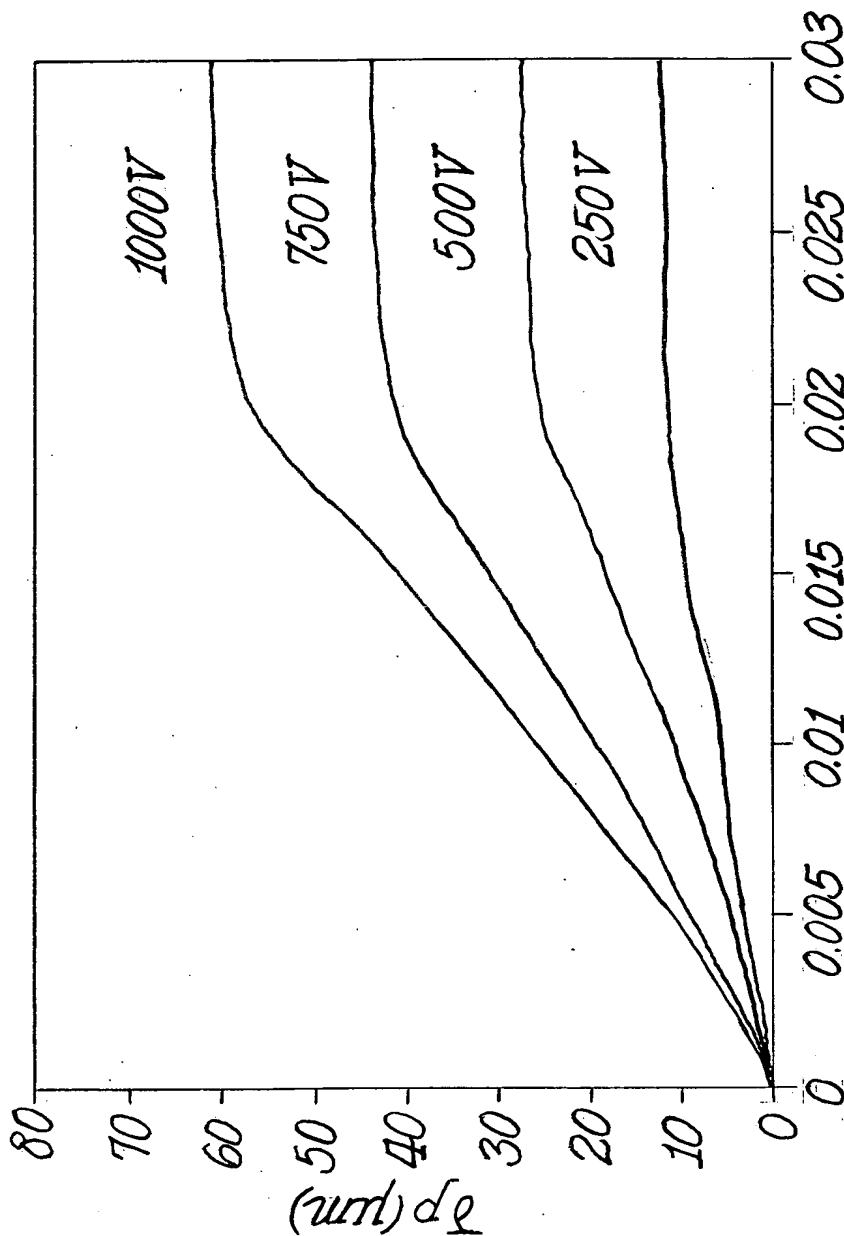


Fig.5.

Replacement Sheet



$$t = RC \ln \left[1 - \frac{U_C(t)}{U_0} \right]$$



Time (s)

Fig. 6.

FORCE - DISPLACEMENT RESPONSE OF THE FIBER/MATRIX INTERPHASE

Material : Glass-Fiber / Epoxy-Amine Composite Interphase

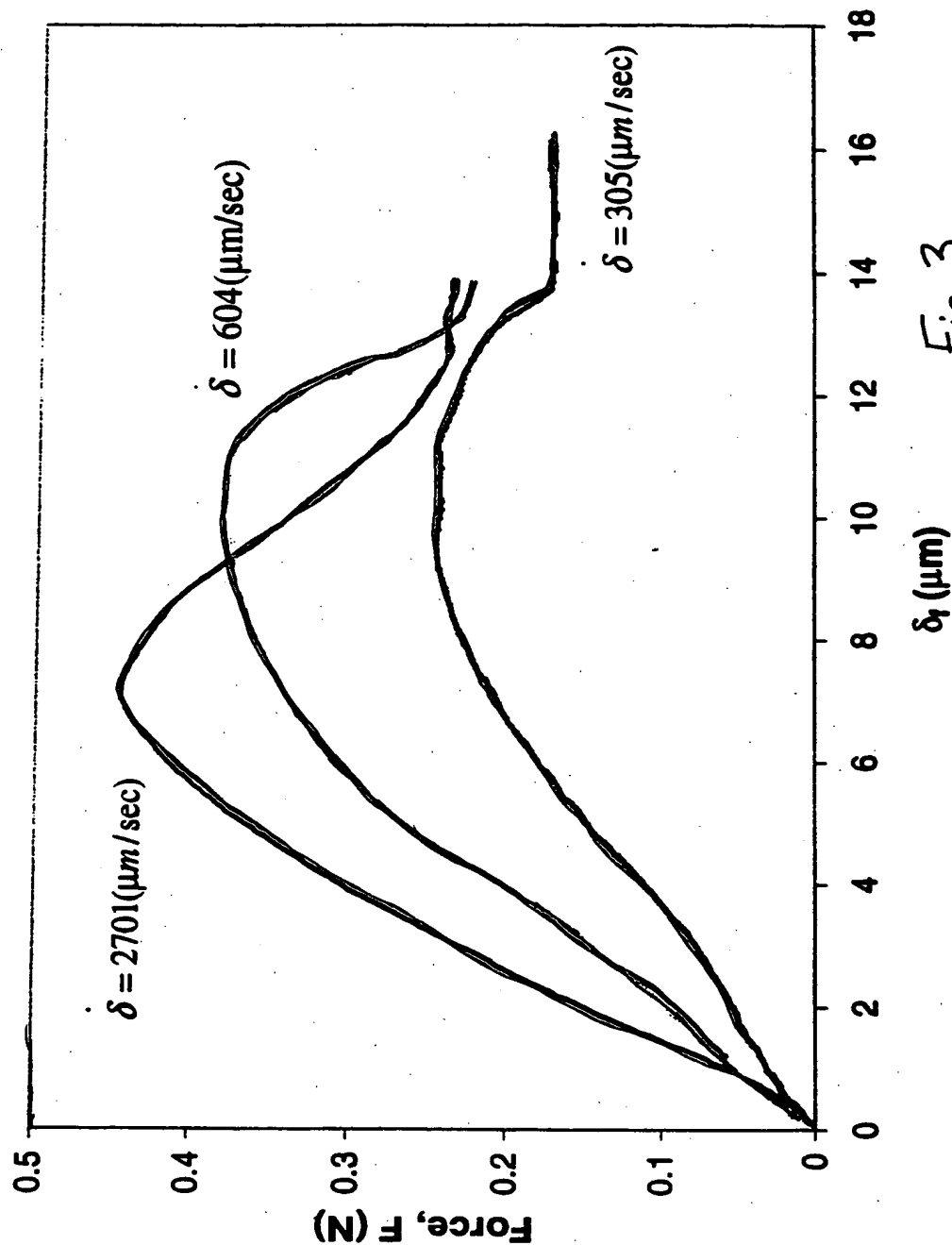
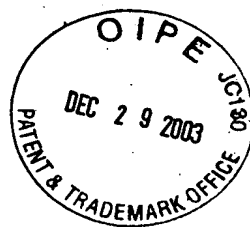


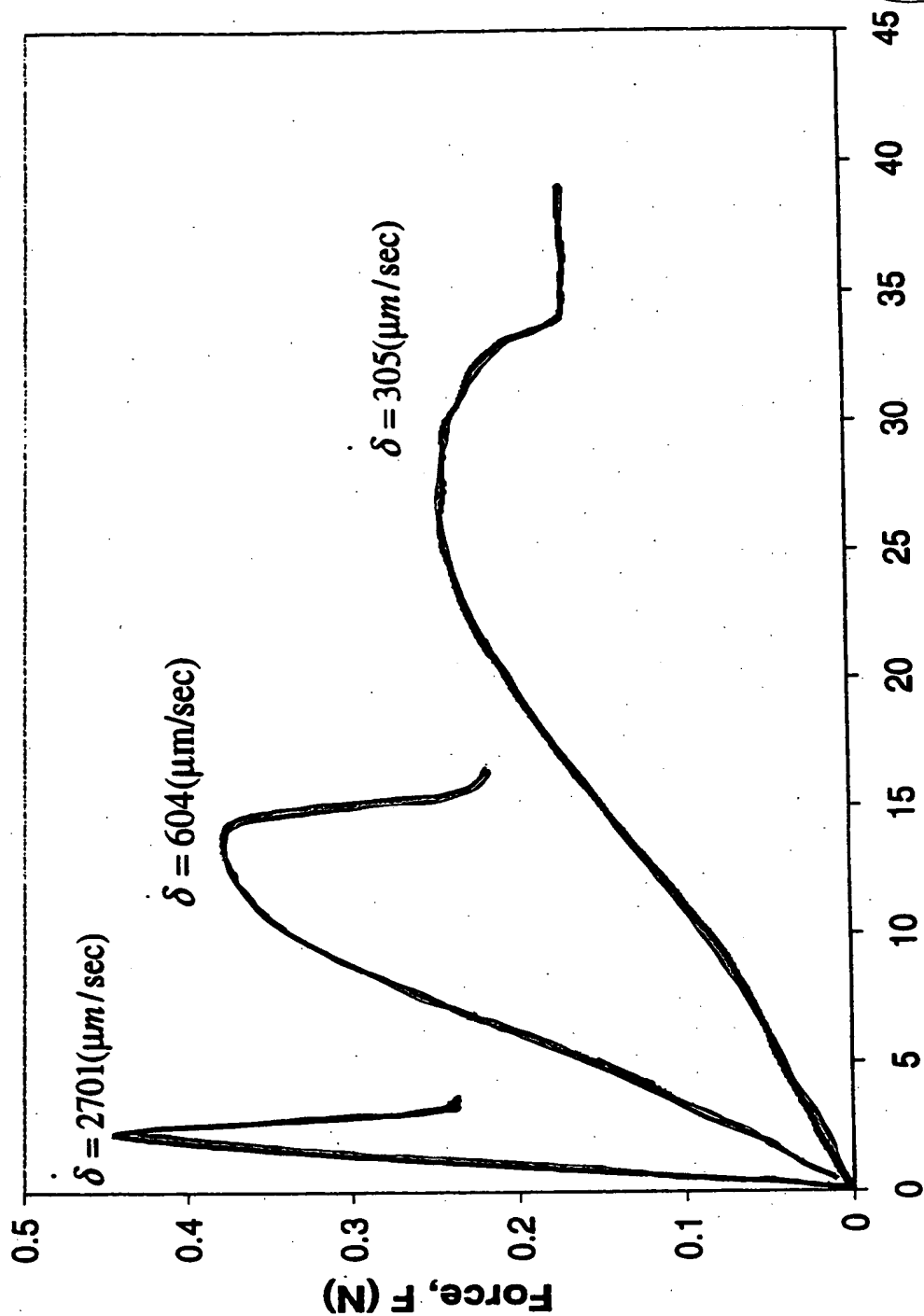
Fig. 3

Annotated Sheet Showing Changes



FORCE RESPONSE OF THE FIBER/MATRIX INTERPHASE AS A FUNCTION OF TIME

Material : Glass-Fiber / Epoxy-Amine Composite Interphase



Time (ms) Fig. 4

Annotated Sheet Showing Changes



DISPLACEMENT OF THE FIBER AS A FUNCTION OF TIME

Material : Glass-Fiber / Epoxy-Amine Composite Interphase

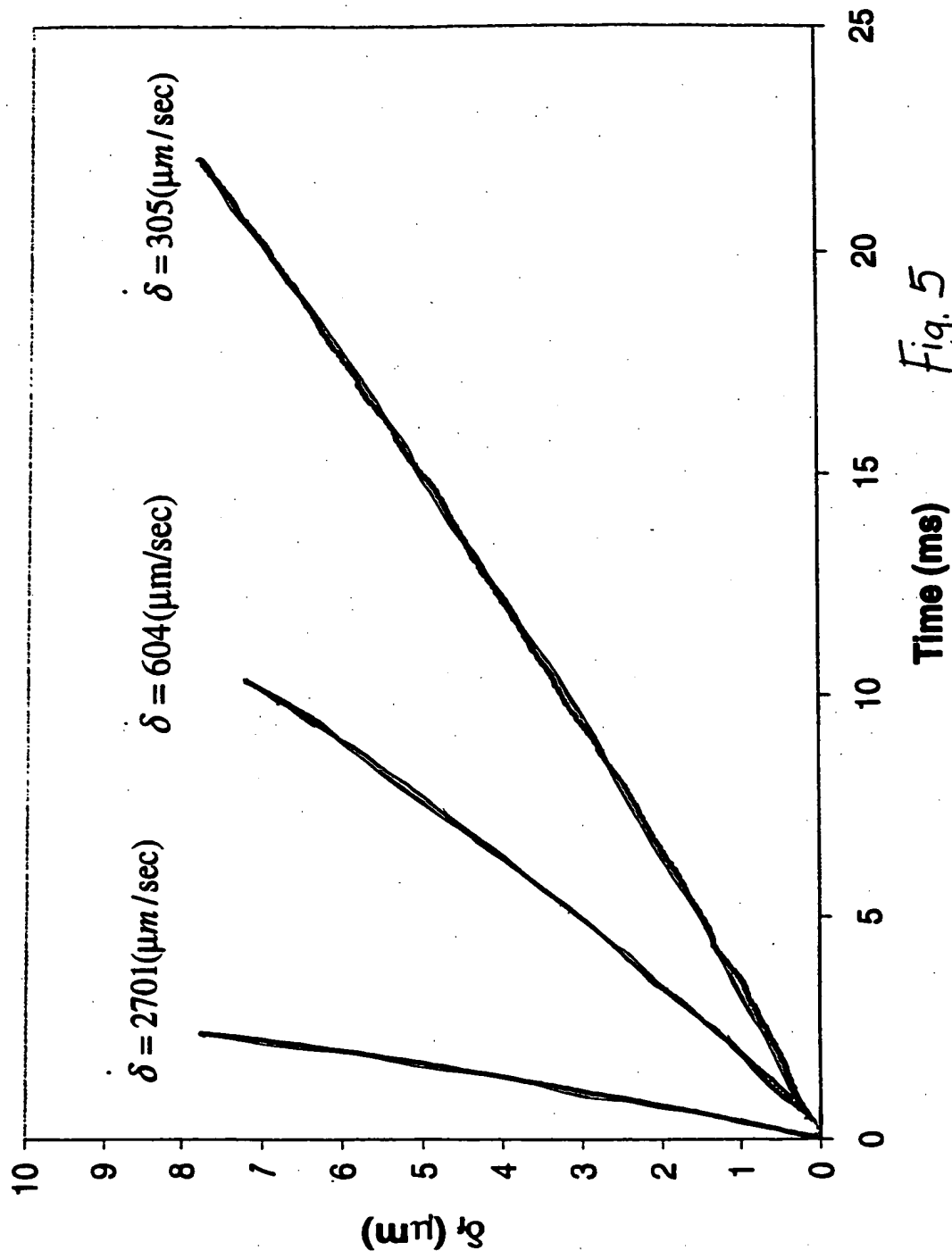


Fig. 5

Annotated Sheet Showing Changes



DISPLACEMENT RESPONSE OF PIEZOELECTRIC ACTUATOR

$$t = RC \ln \left[1 - \frac{U_c(t)}{U_o} \right]$$

Annotated Sheet Showing Changes

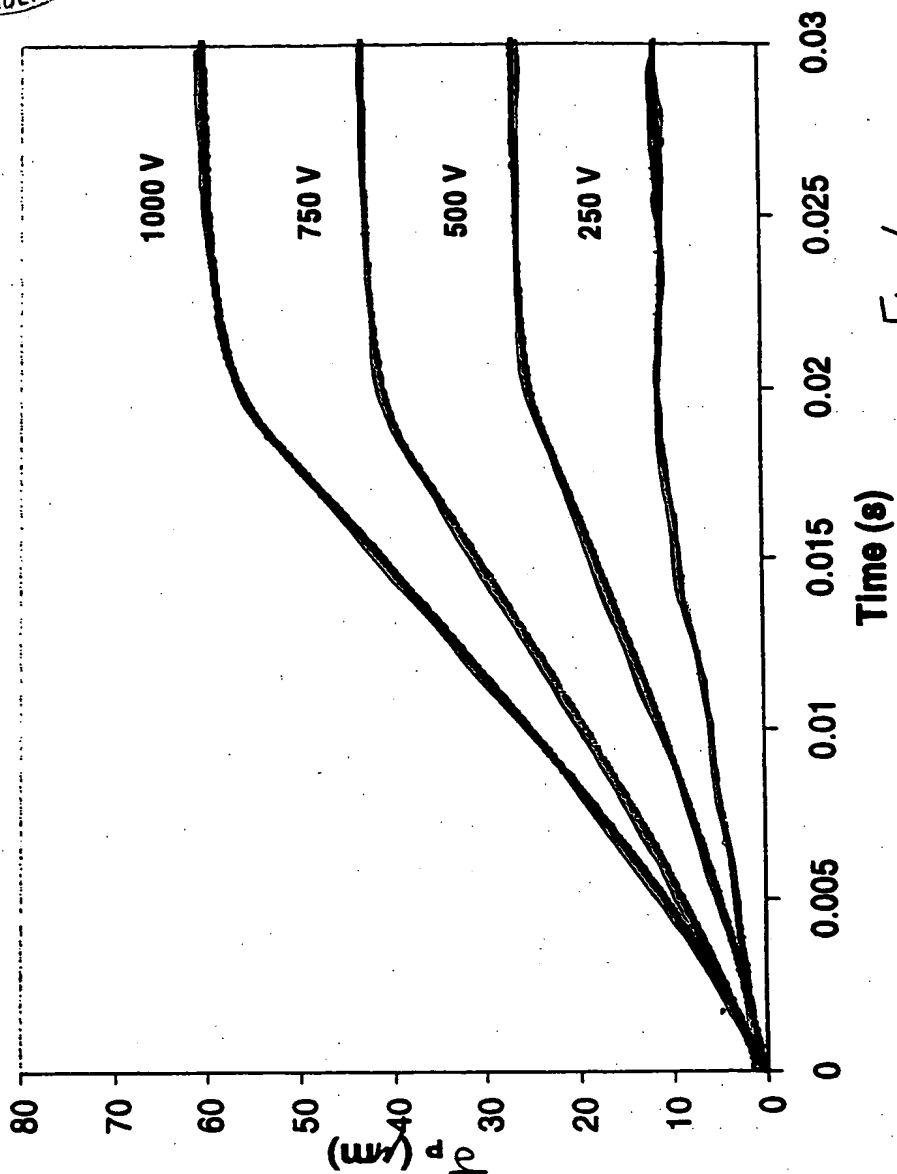


Fig. 6